| Inde | ex of C | laims |  |
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|      |         |       |  |

| Application | No. |  |
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10/649,756

Examiner

Applicant(s)

DORENBOSCH ET AL.
Art Unit

Huy Q Phan

2687

| <b>✓</b> | Rejected |
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| H        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

| N | Non-Elected  |
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| Cla          | im       |              |          |          | D        | ate        | !        |              |         |      | CI          | aim       |                          | Date          |                 |                 |             | Cla      | aim        | -        |           |          | ate      | )              |          |          |           |
|--------------|----------|--------------|----------|----------|----------|------------|----------|--------------|---------|------|-------------|-----------|--------------------------|---------------|-----------------|-----------------|-------------|----------|------------|----------|-----------|----------|----------|----------------|----------|----------|-----------|
| _            | <u> </u> | 40/S/p/>     |          |          |          |            |          |              |         |      | _           | <u></u>   |                          |               |                 |                 |             |          | lal        |          |           |          |          |                |          |          |           |
| Final        | Original | 3            |          |          |          |            |          |              |         | 1    | Final       | Original  |                          |               |                 |                 |             | Final    | Original   |          |           |          |          |                |          |          |           |
| ш            | ō        | 3            |          |          |          |            |          | ١            |         |      | "           | ဝ         |                          |               |                 | :               |             | ш        | ŏ          |          |           |          |          |                |          |          |           |
|              | 1        | V            | Н        | $\dashv$ | +        | $\dashv$   | $\dashv$ | +            |         | -    | $\vdash$    | 51        |                          | +             | <del></del>     | Η.              |             |          | 101        | +        | +         | -        | -        | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$  |
|              | 2        | 1            | H        | $\dashv$ | $\dashv$ | -          | $\dashv$ | 十            |         | -    |             | 52        | <del>-        </del>     | ++            | <del></del>     | H               |             |          | 102        | $\top$   | $\dagger$ |          | -        |                | 1        | 十        | $\exists$ |
|              | 3        | 11           | $\Box$   | 寸        | $\dashv$ | 十          | _        | _            |         | 1    |             | 53        |                          | 11            |                 | $\Box$          | 1754        |          | 103        | $\top$   |           |          |          | $\neg$         | T        | $\dashv$ | ┪         |
|              | 4        | H            |          |          |          |            |          |              |         | 7    | -           | 54        |                          |               |                 | П               | <br>        |          | 104        |          |           |          |          | $\neg$         | 寸        | $\dashv$ |           |
|              | 5        | П            |          | Ī        |          |            |          |              |         | 1    |             | 55        |                          |               |                 |                 |             |          | 105        |          |           |          |          |                |          |          |           |
|              | 6        |              |          |          |          |            |          |              |         |      |             | 56        |                          |               |                 |                 | ij          |          | 106        |          |           |          |          |                |          |          |           |
|              | 7        | Ц            |          |          |          | _          |          | _            |         |      |             | 57        |                          |               |                 | Ш               | 13          |          | 107        |          | 1         |          |          |                | _        |          | _         |
|              | 8        | Ш            |          |          | 4        | _          |          | 4            |         | 4    | L           | 58        |                          | $\perp$       |                 | Ш               |             |          | 108        |          |           | _        |          |                | -        |          | 4         |
|              | 9        | ₩            | <u> </u> | _        | 4        | _          | _        | $\downarrow$ |         | -    |             | 59        |                          | +             |                 | H               |             |          | 109        | - -      | -         |          |          | $\dashv$       |          |          |           |
|              | 10       | Å            | H        | -        | $\dashv$ | $\dashv$   | _        | $\dashv$     |         | -    | <b> </b>    | 60        | +++                      | ++            | +               | $\dashv$        | W           |          | 110<br>111 | - -      | +         | <u> </u> | -        | $\dashv$       | -        | -        |           |
| _            | 11<br>12 | ×            |          | $\dashv$ | +        | $\dashv$   | -        | $\dashv$     | +       | -    | -           | 61<br>62  |                          |               |                 | Н               |             |          | 112        |          | +         |          | $\vdash$ |                | $\dashv$ | $\dashv$ | $\dashv$  |
| <u> </u>     | 13       | 0            | $\vdash$ | $\dashv$ | +        | $\dashv$   | +        | +            | -       | -    | -           | 63        |                          | ++            |                 | +-              |             |          | 113        |          | +-        |          |          |                | $\dashv$ | $\dashv$ | $\dashv$  |
|              | 14       | 0            | 1-       | -        | -        | $\dashv$   | +        | +            | +       | -    | $\vdash$    | 64        |                          | ++            | + + -           | $\vdash$        |             |          | 114        | $\dashv$ | +         |          |          |                | $\dashv$ | +        | $\dashv$  |
|              | 15       | 0            | $\Box$   | 1        | $\dashv$ | $\dashv$   | $\dashv$ | 十            |         | 1    |             | 65        |                          | ++            |                 | П               |             |          | 115        | $\dashv$ | 1         |          |          | _              | 十        |          | $\dashv$  |
|              | 16       | 0            | П        |          |          |            | $\neg$   |              |         | 7    |             | 66        |                          | 11            | 11              | П               |             |          | 116        |          |           |          |          |                | 寸        |          | ╗         |
|              | 17       | V            |          |          |          |            | $\Box$   |              |         | ]    |             | 67        |                          |               |                 | П               |             |          | 117        |          |           |          |          |                |          |          |           |
|              | 18       | Ĺ            |          |          |          |            |          |              |         |      |             | 68        |                          |               |                 |                 |             |          | 118        |          | Ι         |          |          |                | $\Box$   |          |           |
|              | 19       | $\prod$      |          |          | Ţ        | $\Box$     | $\Box$   | $\bot$       |         | ]    |             | 69        |                          |               |                 |                 |             |          | 119        |          |           |          |          |                |          |          |           |
|              | 20       | Ш            | Ш        |          |          |            |          |              |         | _    |             | 70        |                          | $\perp$       | $\bot \bot$     | Ш               | H           | <u> </u> | 120        | $\perp$  | _         | L.       |          | _              | _        | _        | $\Box$    |
|              | 21       | 11           | $\sqcup$ | _        | _        | _          |          | 4            | _       | 4    |             | 71        |                          | $\bot \bot$   | $\bot \bot$     | Ш               |             | <u> </u> | 121        | _        | 4_        | $\perp$  |          | _              | $\perp$  |          | 4         |
| <u> </u>     | 22       | #            | $\sqcup$ | _        | _        | _          | $\perp$  | $\dashv$     | _       | 1    | <b> </b>    | 72        |                          | $\dashv$      |                 | $\vdash \vdash$ |             | <u> </u> | 122        | $\perp$  | -         | ļ        |          |                | -        | -        | _         |
| <u> </u>     | 23       | #            | $\vdash$ | 4        | $\dashv$ | _          | $\dashv$ | +            | +       | 4    |             | 73        |                          |               |                 | $\vdash \vdash$ |             | <u> </u> | 123<br>124 | +        | +         | -        |          | $\dashv$       | $\dashv$ |          | $\dashv$  |
| -            | 24<br>25 | Н            | -        | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$     | -       | 40.  |             | 74<br>75  | <del></del>              |               |                 | +               |             | <u> </u> | 125        |          |           | ⊢        | $\dashv$ |                | +        | $\dashv$ |           |
|              | 26       | Н            |          | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$     |         | -    |             | 76        |                          |               |                 | Н               | H           | <u> </u> | 126        | $\dashv$ | +         | $\vdash$ | $\dashv$ | -              | -        | $\dashv$ |           |
| <u> </u>     | 27       | ╫            | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$     |         | 1    | -           | 77        |                          | -  -          |                 | $\forall$       |             |          | 127        | $\dashv$ | +         |          |          |                | $\dashv$ | -+       |           |
|              | 28       |              | Н        |          | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$     | +       | 1    | <b> </b>    | 78        | <del>-   -   -  </del> - | ++            | ++              | +               |             |          | 128        | -        | T         |          |          | $\neg \dagger$ |          | $\dashv$ |           |
|              | 29       | 1            |          |          | $\dashv$ | +          | $\top$   | 7            | $\top$  | 1    | 1           | 79        |                          | 11            | 11              |                 | . 0         |          | 129        |          | 1         |          |          |                | $\neg$   | $\neg$   |           |
|              | 30       | $\prod$      |          |          |          |            |          |              |         |      |             | 80        |                          |               |                 |                 |             |          | 130        |          |           |          |          |                |          |          |           |
|              | 31       | 4            |          |          |          | $\Box$     |          | $\Box$       |         | ]    |             | 81        |                          |               |                 |                 | . :         |          | 131        |          |           |          |          |                | $\Box$   | $\Box$   |           |
|              | 32       | V            |          | _        |          | _          | _        | `            |         | 1    |             | 82        |                          |               |                 | Ш               |             |          | 132        | _        | 1_        |          | ]        |                |          | _        |           |
| <u></u>      | 33       | $\vdash$     | -        | _        |          | $\perp$    | $\perp$  | 4            | _       | 4    | <u> </u>    | 83        | -                        | ++            | +               | ⊣               |             |          | 133        |          | _         | H        | $\sqcup$ |                | 4        | $\perp$  | _         |
|              | 34       | <del> </del> | $\sqcup$ | $\dashv$ |          |            | +        | -            |         | 4    |             | 84<br>85  |                          | +-            | +               | $\vdash$        | i di        |          | 134        |          | +-        | Н        |          |                | $\dashv$ | $\dashv$ | _         |
| <u> </u>     | 35<br>36 | ╀            | ╁        | -        | -+       | $\dashv$   | +        | +            | +       | +    | <del></del> | 86        | +++                      | ++            | ++              | $\dashv$        | :33<br>:401 | $\vdash$ | 135<br>136 |          | +         | -        |          |                |          | $\dashv$ | $\dashv$  |
| -            | 37       | +-           | $\vdash$ | $\dashv$ | $\dashv$ |            |          | +            |         | -    |             | 87        |                          |               |                 | +-              |             |          | 137        | -        | +         |          |          | -              |          | $\dashv$ | _         |
| <del> </del> | 38       | +            | $\vdash$ | $\dashv$ | $\dashv$ |            | $\dashv$ | -            |         | +    |             | 88        |                          |               | <del>- - </del> | +-1             |             |          | 138        | -        | +         | $\vdash$ |          | $\dashv$       | $\dashv$ | $\dashv$ | _         |
|              | 39       | $\vdash$     | $\vdash$ | $\dashv$ | $\dashv$ | -+         | $\dashv$ | +            |         | 1    | 1           | 89        | <del>         </del>     |               | -  -            | +               |             | l        | 139        | $\dashv$ | +         | T        |          | $\dashv$       | -+       | 7        |           |
|              | 40       | t            | $\Box$   |          | 一        | $-\dagger$ | 十        | +            |         | 1    |             | 90        |                          |               | -               | 1-1             |             |          | 140        |          | +         |          | -        |                |          |          | $\dashv$  |
|              | 41       | Т            | П        |          | 一        | $\dashv$   | $\dashv$ | $\top$       | 1       | 15   |             | 91        |                          | 11            | $\dashv$        | П               |             |          | 141        |          | $\top$    |          | $\Box$   |                | $\dashv$ | $\dashv$ |           |
|              | 42       |              |          |          | _†       | _†         |          | ╗            |         |      |             | 92        |                          |               |                 |                 |             |          | 142        |          |           |          |          | $\neg$         | 1        | $\dashv$ |           |
|              | 43       |              |          |          |          |            |          |              |         | ]    |             | 93        |                          |               |                 |                 |             |          | 143        |          | $\Box$    |          |          |                |          | 丁        |           |
|              | 44       | $oxed{-}$    |          |          |          | _Ţ         |          | _[           |         |      |             | 94        |                          |               | $\perp$         |                 |             |          | 144        |          | 上         | $\Box$   |          |                |          | $\Box$   |           |
|              | 45       |              | Ш        |          | _[       | [          |          |              |         | 4    |             | 95        |                          | $\perp \perp$ | _  _            | Ш               |             | ļ        | 145        | _   _    |           | $\perp$  | $\Box$   |                | $\Box$   | $\Box$   |           |
|              | 46       | _            | Ш        | _        | _        | _          | 4        | 4            | $\perp$ | 4    |             | 96        |                          | +             | +               | Ш               |             |          | 146        | _ _      | 1         | <u> </u> |          |                |          | _        |           |
|              | 47       | <del> </del> | Ш        |          | _        | _          |          |              |         | -    | -           | 97        |                          | ++            | +               | $\vdash$        |             |          | 147        | 4        | 4         | <u> </u> | $\vdash$ |                | _        | _        | _         |
|              | 48       | 1            | $\vdash$ | _        | _        | _          | $\dashv$ | $\dashv$     | _ _     | - 90 | $\vdash$    | 98        |                          |               |                 | $\dashv$        |             |          | 148        | _        | $\perp$   | -        | $\vdash$ |                | _        |          | _         |
|              | 49<br>50 | $\vdash$     | $\vdash$ |          | -        | -          | $\dashv$ | $\dashv$     |         | -15  | -           | 99<br>100 | $\vdash$                 |               |                 | $\vdash$        | ă.          |          | 149<br>150 | +        | +         | -        | -        | _              | _        |          |           |
| L            | 100      | 1            |          |          |          |            |          | 1            |         | 196  | L           | 1100      |                          |               |                 |                 | 201         |          | 100        |          |           | L        | L        |                | - 1      |          | I         |